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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1

of 5

Complete if Known

Application Number	10/803,507
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Filing Date	03/18/2004
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First Named Inventor	Storer
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Art Unit	2819
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Examiner Name	Jeanclaude
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Attorney Docket Number

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
JBJL		US- 4,366,551	12-28-1982	Holtz	all pages
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**Examiner
Signature**

Alan Bruner Handlands

Date
Considered

6/14/05

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Examiner
Signature

Jean Brun Jeanglaude

Date
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		First Named Inventor	Storer
		Art Unit	2819
		Examiner Name	Jeanglaude
Sheet 3	of 5	Attorney Docket Number	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JBS	✓	AJTAI, Burns, Fagin, and Long [2002]. "Compactly Encoding Unstructured Inputs with Differential Compression". J. of the ACM 49:3, 318-367. (U.S.) <i>Vol 49, No 3, May 2002</i>	1
	0	APOSTOLICO, Browne, and Guerra [1992]. "Fast Linear-Space Computations of Longest Common Subsequences". Theoretical Computer Science, 92:1, 3-17. (U.S.) <i>Vol 92, No 1, Jan 6, 1992</i>	2
	✓	BURNS and Long [1997]. "A Linear Time, Constant Space Differencing Algorithm", Proc. IEEE Int. Conf. on Perform., Comp., and Communications. (U.S.) <i>Feb 1997</i>	3
	✓	BURNS and Long [1997b]. "Efficient Distributed Backup and Restore with Delta Compression", Workshop on I/O in Parallel and Distributed Systems (IOPADS). (U.S.) <i>(No month)</i>	4
	0	BURNS, Stockmeyer, and D. D. E. Long [2002]. "Experimentally Evaluating In-Place Delta Reconstruction", NASA Conf. on Mass Storage Sys. and Tech. (U.S.)	5
	✓	CORMODE, Paterson, Sahinalp and Vishkin [2000]. "Communication Complexity of Document Exchange", Proc. 11th Symp. on Discrete Algorithms, 197-206. (U.S.) <i>(no month)</i>	6
	✓	FACTOR, Sheinwald, and Yassour [2001]. "Software Compression in the Client/Server Environment", Proc. Data Compression Conf., IEEE Comp. Society Press, 233-242. (U.S.) <i>March 27-29 2001</i>	7
	✓	FRASER and Myers [1987]. "An Editor for Revision Control", ACM Transactions on Programming Languages and Systems 9:2, 277-295. (U.S.) <i>Vol 9, No 2, April 1987</i>	8
	✓	HUNT, Vo, and Tichy [1998]. "Delta algorithms: An Empirical Analysis", ACM Trans. on Software Engineering and Methodology 7, 192-214. (U.S.) <i>Vol 7, No 2, April 1998</i>	9
JBS		HUFFMAN [1952]. "A Method for the Construction of Minimum-Redundancy Codes", Proceedings of the IRE 40, 1098-1101. (U.S.) <i>Sep 1952</i>	10

Examiner Signature	<i>Jean Bruner Jeanglaude</i>	Date Considered	6/14/05
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		Art Unit	2819
		Examiner Name	Jeanglaude
Sheet 4	of 5	Attorney Docket Number	

NON PATENT LITERATURE DOCUMENTS			
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JSJle	-	LEMPEL and Ziv [1976]. "On the Complexity of Finite Sequences", IEEE Transactions on Information Theory 22:1, 75-81. (U.S.) <i>(no month)</i>	
		MILLER and Myers [1985]. "A File Comparison Program", Software--Practice and Experience 15:11, 1025-1040. (U.S.) <i>unknown month</i>	
		RICK [1995]. "A New Flexible Algorithm for the Longest Common Subsequence Problem", Proc. 6th Annual Symposium on Combinatorial Pattern Matching, Espoo, Finland, 5-7. (U.S.) <i>unknown month</i>	
		SHAPIRA, and Storer [2002]. "Edit Distance with Move Operations", Proceedings Conference of Combinatorial Pattern Matching (CPM), Springer, 85-98. (U.S.) <i>unknown month</i>	
		REICHENBERGER [1991]. "Delta Storage for Arbitrary Non-Text Files", Proc. 3rd Int. Workshop on Software Configuration Management, Trondheim, Norway, 12-14. (U.S.) <i>unknown month</i>	
		SHAPIRA, and Storer [2003]. "In-Place Differential File Compression", Proc. 2003 Data Comp. Conf. (published March 25, 2003), IEEE Comp. Soc. Press, 263-272. (U.S.)	
		STORER and T. G. Szymanski [1978]. "The Macro Model for Data Compression", Proc. 10th Annual ACM Symposium of the Theory of Computing, San Diego, CA, 30-39. (U.S.) <i>unknown month</i>	
		STORER and Szymanski [1982]. "Data Compression Via Textual Substitution", Journal of the ACM 29:4, 928-951. (U.S.) <i>unknown month</i>	
		STORER [1988]. Data Compression: Methods and Theory, Computer Science Press (a subsidiary of W. H. Freeman Press). (U.S.) <i>unknown month</i>	
JSJle		STORER [2002]. "An Introduction to Data Structures and Algorithms", Birkhauser - Springer. (U.S.) <i>unknown month</i>	

Examiner Signature	<i>jean-brunet jeanglaude</i>	Date Considered	6/14/05
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		Examiner Name	Jeanglaude
Sheet 5	of 5	Attorney Docket Number	

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JSJ		TICHY [1984]. "The String to String Correction Problem with Block Moves", ACM Transactions on Computer Systems 2:4, 309-321. (U.S.) <i>unknown month</i>	
		WAGNER and Fischer [1973]. "The String-to-String Correction Problem", Journal of the ACM 21:1, 168-173. (U.S.) <i>unknown month</i>	
		WEINER [1973]. "Linear Pattern Matching Algorithms", Proceedings of the 14th Annual IEEE Symposium on Switching and Automata Theory, 1-11. (U.S.) <i>unknown month</i>	
		ZIV and Lempel [1977]. "A Universal Algorithm for Sequential Data Compression", IEEE Transactions on Information Theory 23:3, 337-343. (U.S.) <i>unknown month</i>	
JSJ		ZIV and Lempel [1978]. "Compression of Individual Sequences Via Variable-Rate Coding", IEEE Transactions on Information Theory, 24:5, 530-536. (U.S.) <i>unknown month</i>	

Examiner Signature	<i>Man Bruner Jeanglaude</i>	Date Considered	6/14/05
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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/803,507
		Filing Date	03/18/2004
		First Named Inventor	Storer
		Art Unit	
		Examiner Name	Jeanglaude
Sheet 3	of 5	Attorney Docket Number	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JBZ		AJTAI, Burns, Fagin, and Long [2002]. "Compactly Encoding Unstructured Inputs with Differential Compression", J. of the ACM 49:3, 318-367. (U.S.) <i>month unknown</i>	
		APOSTOLICO, Browne, and Guerra [1992]. "Fast Linear-Space Computations of Longest Common Subsequences", Theoretical Computer Science 92:1 3-17 (U.S.) <i>month unknown</i>	
		BURNS and Long [1997]. "A Linear Time, Constant Space Differencing Algorithm", Proc. IEEE Int. Conf. on Perform., Comp., and Communications. (U.S.) <i>month unknown</i>	
		BURNS and Long [1997b]. "Efficient Distributed Backup and Restore with Delta Compression", Workshop on I/O in Parallel and Distributed Systems (IOPADS). (U.S.) <i>month unknown</i>	
		BURNS, Stockmeyer, and D. D. E. Long [2002]. "Experimentally Evaluating In-Place Delta Reconstruction", NASA Conf. on Mass Storage Sys. and Tech. (U.S.) <i>month unknown</i>	
		CORMODE, Paterson, Sahinalp and Vishkin [2000]. "Communication Complexity of Document Exchange", Proc. 11th Symp. on Discrete Algorithms 197-206 (U.S.) <i>month unknown</i>	
		FACTOR, Sheinwald, and Yassour [2001]. "Software Compression in the Client/Server Environment", Proc. Data Compression Conf., IEEE Comp. Society Press 233-242 (U.S.) <i>month unknown</i>	
		FRASER and Myers [1987]. "An Editor for Revision Control", ACM Transactions on Programming Languages and Systems 9:2, 277-295. (U.S.) <i>month unknown</i>	
		HUNT, Vo, and Tichy [1998]. "Delta algorithms: An Empirical Analysis", ACM Trans. on Software Engineering and Methodology 7, 192-214. (U.S.) <i>month unknown</i>	
		HUFFMAN [1952]. "A Method for the Construction of Minimum-Redundancy Codes", Proceedings of the IRE 40, 1098-1101. (U.S.) <i>month unknown</i>	

Examiner Signature	<i>Jan Bruner Jeanglaude</i>	Date Considered	8/14/05
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		Application Number	10/803,507
		Filing Date	03/18/2004
		First Named Inventor	Storer
		Art Unit	28/9
		Examiner Name	Jeanglaude
Sheet 4	of 5	Attorney Docket Number	

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JB		LEMPEL and Ziv [1976]. "On the Complexity of Finite Sequences", IEEE Transactions on Information Theory 22:1, 75-81. (U.S.) <i>month unknown</i>	
		MILLER and Myers [1985]. "A File Comparison Program", Software—Practice and Experience 15:11, 1025-1040. (U.S.) <i>month unknown</i>	
		RICK [1995]. "A New Flexible Algorithm for the Longest Common Subsequence Problem", Proc. 6th Annual Symposium on Combinatorial Pattern Matching, Espoo, Finland, 5-7 (U.S.) 340-351 <i>month unknown</i>	
		SHAPIRA, and Storer [2002]. "Edit Distance with Move Operations", Proceedings Conference of Combinatorial Pattern Matching (CPM), Springer 85-98. (U.S.) <i>month unknown</i>	
		REICHENBERGER [1991]. "Delta Storage for Arbitrary Non-Text Files", Proc. 3rd Int. Workshop on Software Configuration Management, Trondheim, Norway, 12-14 (U.S.) <i>month unknown</i>	
		SHAPIRA, and Storer [2003]. "In-Place Differential File Compression", Proc. 2003 Data Comp. Conf. (published March 25, 2003), IEEE Comp. Soc. Press 263-272 (U.S.)	
		STORER and T. G. Szymanski [1978]. "The Macro Model for Data Compression", Proc. 10th Annual ACM Symposium of the Theory of Computing, San Diego, CA 30-39 (U.S.) <i>month unknown</i>	
		STORER and Szymanski [1982]. "Data Compression Via Textual Substitution", Journal of the ACM 29:4, 928-951. (U.S.) <i>month unknown</i>	
		STORER [1988]. Data Compression: Methods and Theory, Computer Science Press (a subsidiary of W. H. Freeman Press). (U.S.) <i>month unknown</i>	
JB		STORER [2002]. "An Introduction to Data Structures and Algorithms", Birkhauser - Springer. (U.S.) <i>month unknown</i>	

Examiner Signature	<i>jean-brunet jeanglaude</i>	Date Considered	8/14/05
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		Application Number	10/803,507
		Filing Date	03/18/2004
		First Named Inventor	Storer
		Art Unit	2819
		Examiner Name	Jeanglaude
Sheet 5	of 5	Attorney Docket Number	

NON PATENT LITERATURE DOCUMENTS			
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MDO		TICHY [1984]. "The String to String Correction Problem with Block Moves", ACM Transactions on Computer Systems 2:4, 309-321. (U.S.) <i>month unknown</i>	
1		WAGNER and Fischer [1973]. "The String-to-String Correction Problem", Journal of the ACM 21:1, 168-173. (U.S.) <i>month unknown</i>	
1		WEINER [1973]. "Linear Pattern Matching Algorithms", Proceedings of the 14th Annual IEEE Symposium on Switching and Automata Theory, 1-11. (U.S.) <i>month unknown</i>	
1		ZIV and Lempel [1977]. "A Universal Algorithm for Sequential Data Compression", IEEE Transactions on Information Theory 23:3, 337-343. (U.S.) <i>month unknown</i>	
1		ZIV and Lempel [1978]. "Compression of Individual Sequences Via Variable-Rate Coding", IEEE Transactions on Information Theory 24:5, 530-536. (U.S.) <i>month unknown</i>	

Examiner Signature	<i>Jan Bruner Jan Hardy</i>	Date Considered	
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